

OPERATIONS & INTEGRATION

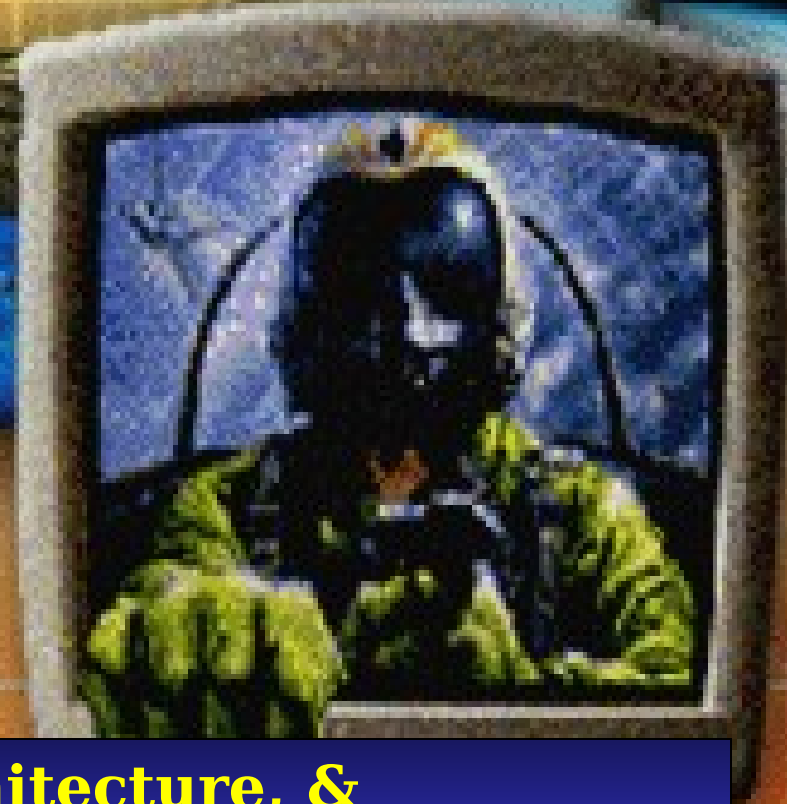
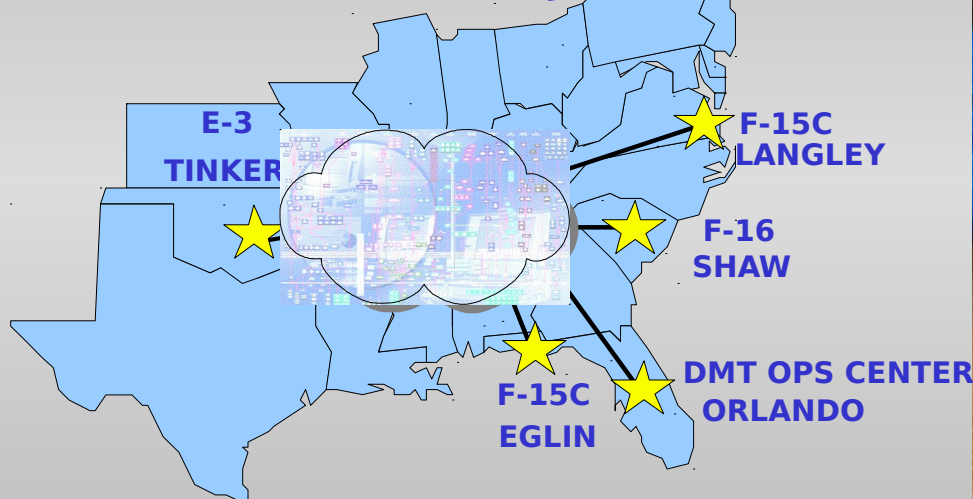
Networking

Mission Training Centers

Contractor: TRW

Contract Award: Apr 00

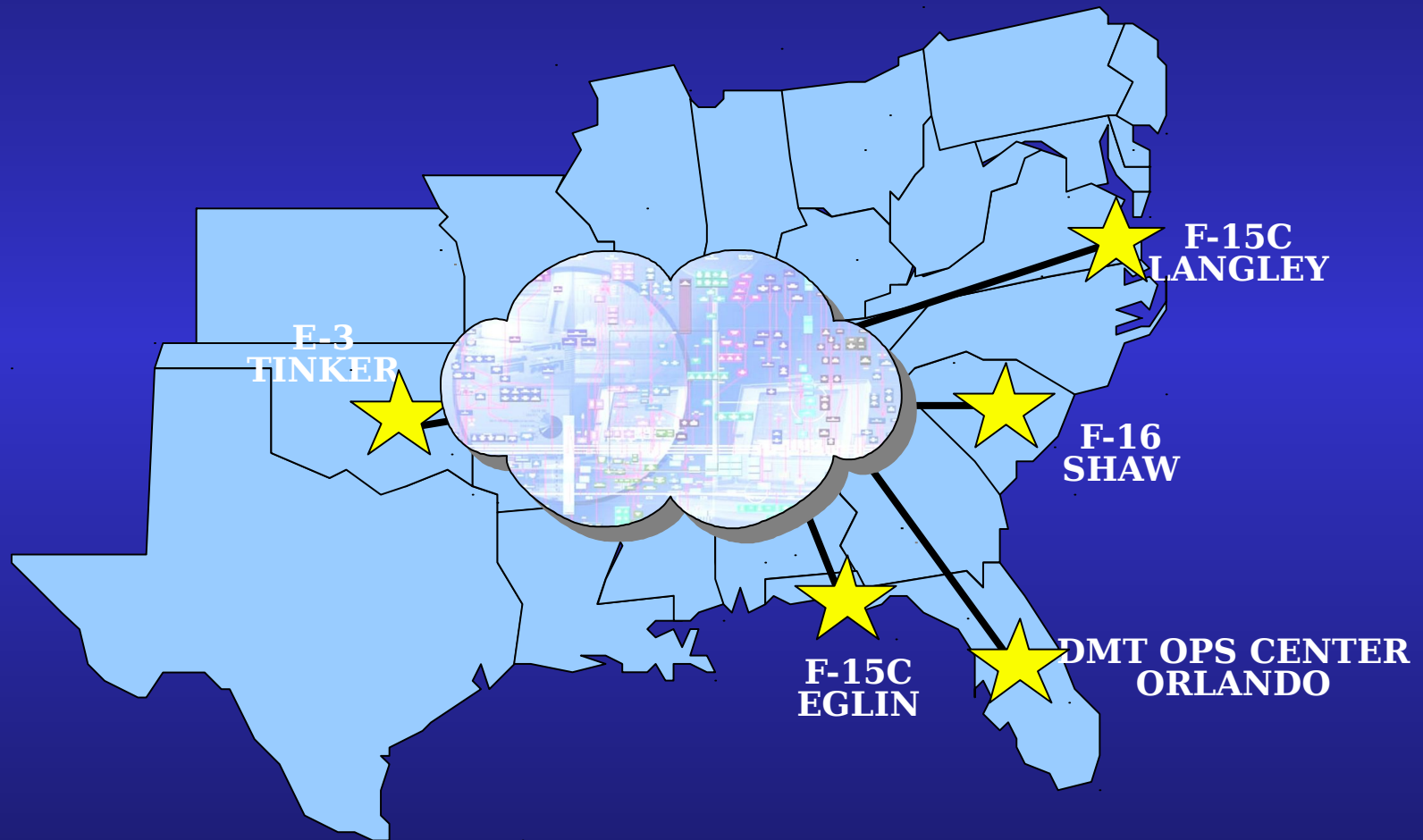
Start of Service: Jan 01



- Establish standards, architecture, & connectivity

Figure 1-1: F-15C, F-16, and F-18 MTCs

1st Federation Implementation



DMT Standards

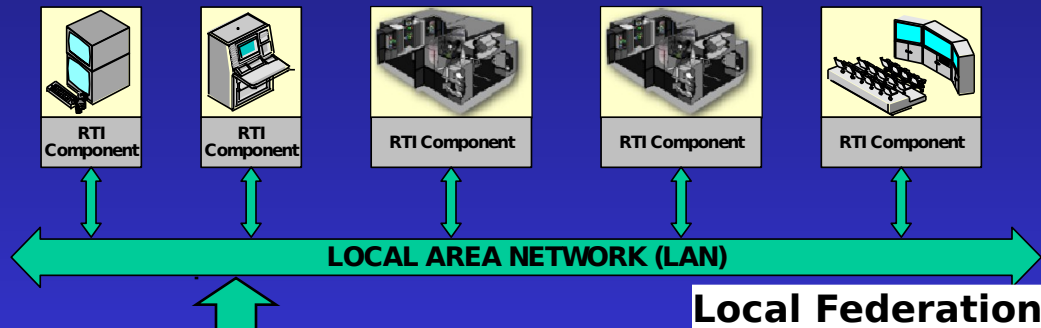
- Based on providing interoperability among federate systems
- Facilitate achievement of Team Training Objectives
- Development leverages commercial standards and guidelines and follows open standards approach
 - Based on JTA/HLA standards
 - DIS at IOC
 - HLA at First Federation beginning 2002
- Scalable (as DMT grows to include additional Federate Systems)
- Identified required standards and implementation timeline

Standards Development Process Characteristics

- Managed by DMT Operations and Integration (O&I) Contractor
- Collaborative process based on current industry approach
 - Stakeholders involved in Standards Development Working Group
 - Promotion of DMT Community Awareness
 - Using O&I web site
 - Position papers
 - Participation in Industry Standards Organizations
- Iterative & Evolving
- Balances Team Training Objectives with Current Federate System Impacts

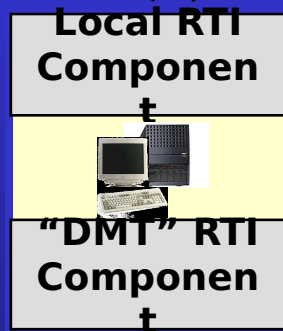
Interoperability Architecture

F-15 MTC

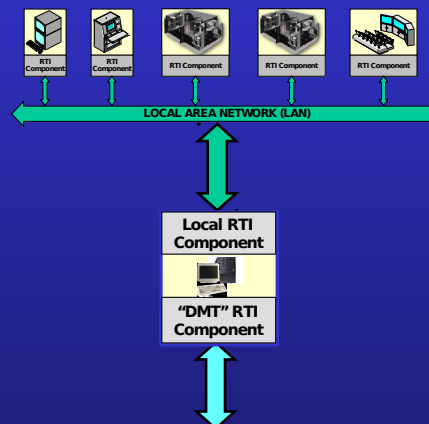


Hierarchical design:
Local Federate
System appears as a
single Federate in
DMT Federation

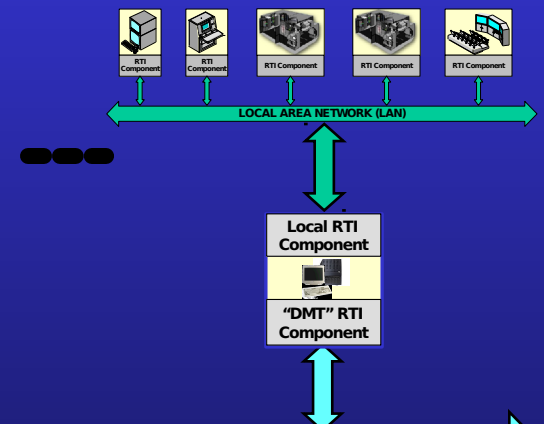
Portal



F-16 MTC



E-3A MTC



WIDE AREA NETWORK (WAN)

DMT Federation

Summary

- Operations & Integration is up and running
- IOC with F-15C and AWACS scheduled for 2001
- 1st Federation adding F-16 scheduled for 2002